

# Mauricio P Cunha

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60  
papers

1,983  
citations

27  
h-index

43  
g-index

62  
ext. papers

2,280  
ext. citations

4.3  
avg, IF

4.58  
L-index

#	Paper	IF	Citations
60	Aerobic exercise ameliorates survival, clinical score, lung inflammation, DNA and protein damage in septic mice. <i>Cytokine</i> , <b>2021</b> , 140, 155401	4	1
59	Methylglyoxal-Mediated Dopamine Depletion, Working Memory Deficit, and Depression-Like Behavior Are Prevented by a Dopamine/Noradrenaline Reuptake Inhibitor. <i>Molecular Neurobiology</i> , <b>2021</b> , 58, 735-749	6.2	5
58	The role of vitamin C in stress-related disorders. <i>Journal of Nutritional Biochemistry</i> , <b>2020</b> , 85, 108459	6.3	20
57	Antidepressant-like and pro-neurogenic effects of physical exercise: the putative role of FNDC5/irisin pathway. <i>Journal of Neural Transmission</i> , <b>2020</b> , 127, 355-370	4.3	8
56	Protective effects against memory impairment induced by methylglyoxal in mice co-treated with FPS-ZM1, an advanced glycation end products receptor antagonist. <i>Acta Neurobiologiae Experimentalis</i> , <b>2020</b> , 80, 364-374	1	2
55	Repeated Methylglyoxal Treatment Depletes Dopamine in the Prefrontal Cortex, and Causes Memory Impairment and Depressive-Like Behavior in Mice. <i>Neurochemical Research</i> , <b>2020</b> , 45, 354-370	4.6	10
54	Multiple cellular targets involved in the antidepressant-like effect of glutathione. <i>Chemico-Biological Interactions</i> , <b>2020</b> , 328, 109195	5	2
53	The effect of voluntary wheel running on the antioxidant status is dependent on sociability conditions. <i>Pharmacology Biochemistry and Behavior</i> , <b>2020</b> , 198, 173018	3.9	1
52	Fructose Intake Impairs Cortical Antioxidant Defenses Allied to Hyperlocomotion in Middle-Aged C57BL/6 Female Mice. <i>Neurochemical Research</i> , <b>2020</b> , 45, 2868-2883	4.6	2
51	Protective effects against memory impairment induced by methylglyoxal in mice co-treated with FPS-ZM1, an advanced glycation end products receptor antagonist. <i>Acta Neurobiologiae Experimentalis</i> , <b>2020</b> , 80, 364-374	1	0
50	The possible beneficial effects of creatine for the management of depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2019</b> , 89, 193-206	5.5	21
49	Central irisin administration affords antidepressant-like effect and modulates neuroplasticity-related genes in the hippocampus and prefrontal cortex of mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2018</b> , 84, 294-303	5.5	26
48	Natural Polyphenols and Terpenoids for Depression Treatment: Current Status. <i>Studies in Natural Products Chemistry</i> , <b>2018</b> , 55, 181-221	1.5	7
47	The APPswe/PS1A246E mutations in an astrocytic cell line leads to increased vulnerability to oxygen and glucose deprivation, Ca dysregulation, and mitochondrial abnormalities. <i>Journal of Neurochemistry</i> , <b>2018</b> , 145, 170-182	6	2
46	Subchronic administration of creatine produces antidepressant-like effect by modulating hippocampal signaling pathway mediated by FNDC5/BDNF/Akt in mice. <i>Journal of Psychiatric Research</i> , <b>2018</b> , 104, 78-87	5.2	7
45	Antidepressant effects of creatine on amyloid $\beta$ -treated mice: The role of GSK-3 $\beta$ /Nrf pathway. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2018</b> , 86, 270-278	5.5	10
44	Locomotor Treadmill Training Promotes Soleus Trophism by Mammalian Target of Rapamycin Pathway in Paraplegic Rats. <i>Neurochemical Research</i> , <b>2018</b> , 43, 1258-1268	4.6	3

43	Pramipexole, a Dopamine D2/D3 Receptor-Preferring Agonist, Prevents Experimental Autoimmune Encephalomyelitis Development in Mice. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 1033-1045	6.2	38
42	Inosine, an Endogenous Purine Nucleoside, Suppresses Immune Responses and Protects Mice from Experimental Autoimmune Encephalomyelitis: a Role for A2A Adenosine Receptor. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 3271-3285	6.2	28
41	Evidence for the involvement of heme oxygenase-1 in the antidepressant-like effect of zinc. <i>Pharmacological Reports</i> , <b>2017</b> , 69, 497-503	3.9	8
40	Ursolic acid affords antidepressant-like effects in mice through the activation of PKA, PKC, CAMK-II and MEK1/2. <i>Pharmacological Reports</i> , <b>2017</b> , 69, 1240-1246	3.9	17
39	Effects of physical exercise and social isolation on anxiety-related behaviors in two inbred rat strains. <i>Behavioural Processes</i> , <b>2017</b> , 142, 70-78	1.6	4
38	Antidepressant-like effect of pramipexole in an inflammatory model of depression. <i>Behavioural Brain Research</i> , <b>2017</b> , 320, 365-373	3.4	22
37	Creatine Prevents Corticosterone-Induced Reduction in Hippocampal Proliferation and Differentiation: Possible Implication for Its Antidepressant Effect. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 6245-6260	6.2	23
36	MPP-Lesioned Mice: an Experimental Model of Motor, Emotional, Memory/Learning, and Striatal Neurochemical Dysfunctions. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 6356-6377	6.2	23
35	Atorvastatin Protects from A $\beta$ -Induced Cell Damage and Depressive-Like Behavior via ProBDNF Cleavage. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 6163-6173	6.2	21
34	Involvement of PI3K/Akt Signaling Pathway and Its Downstream Intracellular Targets in the Antidepressant-Like Effect of Creatine. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 2954-2968	6.2	40
33	Agmatine attenuates reserpine-induced oral dyskinesia in mice: Role of oxidative stress, nitric oxide and glutamate NMDA receptors. <i>Behavioural Brain Research</i> , <b>2016</b> , 312, 64-76	3.4	18
32	Creatine affords protection against glutamate-induced nitrosative and oxidative stress. <i>Neurochemistry International</i> , <b>2016</b> , 95, 4-14	4.4	20
31	Creatine, Similar to Ketamine, Counteracts Depressive-Like Behavior Induced by Corticosterone via PI3K/Akt/mTOR Pathway. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 6818-6834	6.2	87
30	Novel approaches for the management of depressive disorders. <i>European Journal of Pharmacology</i> , <b>2016</b> , 771, 236-40	5.3	23
29	Guanosine prevents nitroxidative stress and recovers mitochondrial membrane potential disruption in hippocampal slices subjected to oxygen/glucose deprivation. <i>Purinergic Signalling</i> , <b>2016</b> , 12, 707-718	3.8	22
28	Creatine, similarly to ketamine, affords antidepressant-like effects in the tail suspension test via adenosine A $\beta$ and A2A receptor activation. <i>Purinergic Signalling</i> , <b>2015</b> , 11, 215-27	3.8	28
27	Effects of Agmatine on Depressive-Like Behavior Induced by Intracerebroventricular Administration of 1-Methyl-4-phenylpyridinium (MPP(+)). <i>Neurotoxicity Research</i> , <b>2015</b> , 28, 222-31	4.3	35
26	Anxiolytic-like effects of ursolic acid in mice. <i>European Journal of Pharmacology</i> , <b>2015</b> , 758, 171-6	5.3	38

25	The modulation of NMDA receptors and L-arginine/nitric oxide pathway is implicated in the anti-immobility effect of creatine in the tail suspension test. <i>Amino Acids</i> , <b>2015</b> , 47, 795-811	3.5	39
24	Serotonergic and noradrenergic systems are implicated in the antidepressant-like effect of ursolic acid in mice. <i>Pharmacology Biochemistry and Behavior</i> , <b>2014</b> , 124, 108-16	3.9	34
23	Atorvastatin evokes a serotonergic system-dependent antidepressant-like effect in mice. <i>Pharmacology Biochemistry and Behavior</i> , <b>2014</b> , 122, 253-60	3.9	15
22	Both creatine and its product phosphocreatine reduce oxidative stress and afford neuroprotection in an in vitro Parkinson's model. <i>ASN Neuro</i> , <b>2014</b> , 6,	5.3	26
21	Involvement of PKA, PKC, CAMK-II and MEK1/2 in the acute antidepressant-like effect of creatine in mice. <i>Pharmacological Reports</i> , <b>2014</b> , 66, 653-9	3.9	22
20	The antidepressant-like effect of inosine in the FST is associated with both adenosine A1 and A2A receptors. <i>Purinergic Signalling</i> , <b>2013</b> , 9, 481-6	3.8	39
19	Evidence for the involvement of 5-HT1A receptor in the acute antidepressant-like effect of creatine in mice. <i>Brain Research Bulletin</i> , <b>2013</b> , 95, 61-9	3.9	28
18	Acute atorvastatin treatment exerts antidepressant-like effect in mice via the L-arginine-nitric oxide-cyclic guanosine monophosphate pathway and increases BDNF levels. <i>European Neuropsychopharmacology</i> , <b>2013</b> , 23, 400-12	1.2	68
17	Protective effect of creatine against 6-hydroxydopamine-induced cell death in human neuroblastoma SH-SY5Y cells: Involvement of intracellular signaling pathways. <i>Neuroscience</i> , <b>2013</b> , 238, 185-94	3.9	33
16	Antidepressant-like effects of fractions, essential oil, carnosol and betulinic acid isolated from <i>Rosmarinus officinalis</i> L. <i>Food Chemistry</i> , <b>2013</b> , 136, 999-1005	8.5	80
15	Nrf2 participates in depressive disorders through an anti-inflammatory mechanism. <i>Psychoneuroendocrinology</i> , <b>2013</b> , 38, 2010-22	5	84
14	The activation of $\alpha$ -adrenoceptors is implicated in the antidepressant-like effect of creatine in the tail suspension test. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2013</b> , 44, 39-50	5.5	30
13	The antidepressant-like effect of physical activity on a voluntary running wheel. <i>Medicine and Science in Sports and Exercise</i> , <b>2013</b> , 45, 851-9	1.2	31
12	Antidepressant-like effect of ursolic acid isolated from <i>Rosmarinus officinalis</i> L. in mice: evidence for the involvement of the dopaminergic system. <i>Pharmacology Biochemistry and Behavior</i> , <b>2012</b> , 103, 204-11	3.9	65
11	<i>Rosmarinus officinalis</i> L. hydroalcoholic extract, similar to fluoxetine, reverses depressive-like behavior without altering learning deficit in olfactory bulbectomized mice. <i>Journal of Ethnopharmacology</i> , <b>2012</b> , 143, 158-69	5	47
10	Guanosine produces an antidepressant-like effect through the modulation of NMDA receptors, nitric oxide-cGMP and PI3K/mTOR pathways. <i>Behavioural Brain Research</i> , <b>2012</b> , 234, 137-48	3.4	68
9	Fluoxetine reverses depressive-like behaviors and increases hippocampal acetylcholinesterase activity induced by olfactory bulbectomy. <i>Pharmacology Biochemistry and Behavior</i> , <b>2012</b> , 103, 220-9	3.9	70
8	The role of the NMDA receptors and L-arginine-nitric oxide-cyclic guanosine monophosphate pathway in the antidepressant-like effect of duloxetine in the forced swimming test. <i>Pharmacology Biochemistry and Behavior</i> , <b>2012</b> , 103, 408-17	3.9	27

7	Antidepressant-like effect of creatine in mice involves dopaminergic activation. <i>Journal of Psychopharmacology</i> , <b>2012</b> , 26, 1489-501	4.6	31
6	Antidepressant-like effect of extract from <i>Polygala paniculata</i> : involvement of the monoaminergic systems. <i>Pharmaceutical Biology</i> , <b>2011</b> , 49, 1277-85	3.8	9
5	Effects of traumatic brain injury of different severities on emotional, cognitive, and oxidative stress-related parameters in mice. <i>Journal of Neurotrauma</i> , <b>2010</b> , 27, 1883-93	5.4	79
4	Antidepressant-like effect of scopoletin, a coumarin isolated from <i>Polygala sabulosa</i> (Polygalaceae) in mice: evidence for the involvement of monoaminergic systems. <i>European Journal of Pharmacology</i> , <b>2010</b> , 643, 232-8	5.3	96
3	Antidepressant-like effect of the extract of <i>Rosmarinus officinalis</i> in mice: involvement of the monoaminergic system. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2009</b> , 33, 642-50	5.5	112
2	Antidepressant-like effect of rutin isolated from the ethanolic extract from <i>Schinus molle</i> L. in mice: evidence for the involvement of the serotonergic and noradrenergic systems. <i>European Journal of Pharmacology</i> , <b>2008</b> , 587, 163-8	5.3	124
1	Interaction of zinc with antidepressants in the tail suspension test. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2008</b> , 32, 1913-20	5.5	104